

Office of the Secretary of Defense

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Joint Chiefs of Staff (CJCS) and the Commanders of the Unified and Specified Commands in analyzing nuclear weapons planning and action options, and reconstituting nuclear forces.

§ 381.3 Organization and management.

The DNA is established as a separate agency of the Department of Defense, and shall be under the direction, authority, and control of the DDR&E. It shall consist of a Director and such subordinate organizational elements as are established by the Director within the resources authorized by the Secretary of Defense.

§ 381.4 Responsibilities and functions.

The Director, DNA, shall:

(a) Organize, direct, and manage the DNA and all assigned resources.

(b) Maintain the national nuclear weapons stockpile data bases during peace, crisis, and war. Maintain overall surveillance and provide guidance, coordination, advice, or assistance concerning all nuclear weapons in DoD custody including questions on production, composition, allocation, deployment, movement, storage, security and safety, maintenance, quality assurance and reliability assessment, report procedures, and retirement.

(c) Manage the DoD nuclear weapons effects research and test program.

(d) Conduct, as directed by DDR&E, research, development, test, and evaluation programs for on-site inspection technology related to arms control treaty verification.

(e) Conduct research, through exploratory development and/or proof of principle, in coordination with the Military Departments and other appropriate DoD Components and Federal Agencies, to develop technologies and techniques to improve the security, survivability, testing, employment, and effectiveness of nuclear systems, and the nuclear survivability of space, military, and communications systems.

(f) Provide advice and assistance on matters concerning nuclear weapons, nuclear weapons systems, effects of nuclear weapons, the technologies to determine the vulnerability and survivability of military systems and installations, and related arms control matters to DoD Components and Federal

Agencies. Coordinate on appropriate Test and Evaluation Master Plans (TEMPs) for systems that have nuclear survivability requirements.

(g) Jointly manage the national nuclear test readiness program with the Department of Energy (DoE) and perform associated technical, operational, and safety planning. Maintain access to facilities necessary to resume above-ground testing.

(h) Act as the central coordinating agency within the Department of Defense on nuclear weapons stockpile data base management, nuclear effects testing, and nuclear effects research within approved policies and programs, and pertinent DoD-DoE agreements.

(i) Provide technical assistance and support to the Secretary of Defense, the Military Departments, and the CJCS in developing nuclear weapons system safety, surety, security, explosive ordnance disposal, and use-control standards, requirements, and operating procedures. Provide a member to joint DoD/DoE nuclear weapons system studies and reviews. Coordinate on proposed nuclear weapons safety rules and changes.

(j) Provide emergency response support and planning assistance to the DoD Components and other Federal Agencies as follows:

(1) Develop policies and procedures to respond to a nuclear weapon accident or improvised nuclear device (IND) incident. Conduct nuclear weapon accident and IND incident command post and field exercises.

(2) Establish and maintain joint committees to coordinate exercise schedules and to ensure that actions are taken to correct identified deficiencies.

(3) Establish and maintain a Joint Nuclear Accident Coordinating Center (JNACC), in conjunction with DoE and a DNA Advisory Team, to assist On-Scene Commanders and Defense Senior Representatives.

(4) Act as the central coordinating agency for the Department of Defense on nuclear weapon accident and IND incident response.

(k) Maintain and provide nuclear weapons stockpile information to the DoD Components and other Federal Agencies, as required.

(l) Conduct, for the CJCS, nuclear weapons technical inspections of units having responsibilities for assembling, maintaining, or storing nuclear weapon systems, their associated components, and ancillary equipment.

(m) Provide nuclear weapons quality assurance program oversight for the Department of Defense.

(n) Provide logistics management support for nuclear weapons under DoD control, including:

(1) Integrated materiel management functions for all specially designed and quality controlled nuclear ordnance items and, as appropriate, for Military Department-designed and quality controlled nuclear ordnance items.

(2) Manage that portion of the Federal Cataloging Program pertaining to nuclear ordnance items, including the maintenance of the central data bank and the publication of Federal Supply Catalogs and Handbooks for all nuclear ordnance items.

(3) Control the standardization of nuclear ordnance items in coordination with the appropriate Military Department.

(4) Manage a technical logistics data and information program.

(5) Serve as Inventory Control Manager of stockpile support items, and manage the DoD-DoE logistics supply interface.

(6) Manage the DoD-DoE loan account for nuclear materials.

(o) Assist the DDR&E and the Assistant to the Secretary of Defense for Atomic Energy in representing the Department of Defense in its relations with the DoE on all policy matters relating to the administration and operation of the Joint Nuclear Weapons Publication System. Coordinate with DoE on Nuclear Weapon Accident Directives.

(p) In support of the DoD Components, perform technical analyses, studies, research, and development on:

(1) Technologies for treaty verification options, including procurement, and associated impacts with regard to arms control and nuclear test limitations.

(2) Technical and employment options for new nuclear weapons, including the relationship of advanced conventional munitions to these options.

(3) The effects of nuclear weapons on command, control, and communications systems improvements that may be needed to ensure reliable operation of forces.

(4) The effect of technology on nuclear force structure, operations, and political-military constraints.

(5) Technologies that would enhance the security, survivability and effectiveness of nuclear systems at both the strategic and theater levels; and evaluation of tactics, doctrine, force postures, operations, and training in order to better direct the DNA nuclear-related programs.

(6) Techniques for assessing and evaluating alternate nuclear operations and tactics.

(7) Broad military applications of atomic energy.

(q) Conduct joint programs involving, as appropriate, the Defense Advanced Research Projects Agency (DARPA), other DoD Components, and Allied Commands in matters regarding DNA-developed technologies. This includes test, evaluation, and demonstration of appropriate technologies.

(r) Disseminate technological information of joint interest relating to nuclear technology, development, and weapons, through laboratory liaison, technical reports, and nuclear weapons technical publications. Assist in technology transfer and implementation of successful research programs into the Military Departments and Allied Commands.

(s) Perform technical analyses, studies, and research on non-nuclear matters of critical importance to the Department of Defense where DNA has unique capabilities developed as part of its nuclear responsibilities.

(t) Conduct research in the field of radiobiology and related matters, essential to the operational and medical support of the DoD Components, through the Armed Forces Radiobiology Research Institute (AFRRI). The research shall be an integral part of the DoD medical and life sciences research, development, test, and evaluation program.

(u) Operate the Joint Atomic Information Exchange Group (JAIEG) in accordance with policy guidance furnished jointly by the Assistant to the

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Secretary of Defense for Atomic Energy (ATSD(AE)) for the Department of Defense and the Director for Military Applications for the DoE.

(v) Develop guidelines and criteria for the advice of the Defense Acquisition Board in evaluating the adequacy of system nuclear survivability.

(w) Be responsible for all matters relating to nuclear test programs and records to include preservation of vital test data and records acquired during past U.S. and other nuclear effects tests.

(x) Be responsible for the Nuclear Test Personnel Review.

(y) Maintain national-level oversight for the Site Folder Project and establish an exercise program for validation of site folders.

(z) Maintain DoD-level oversight of DoD nuclear weapons effects simulators.

(aa) Perform such other functions as may be assigned by the DDR&E.

§ 381.5 Relationships.

(a) In performing assigned functions, the Director, DNA, shall:

(1) Subject to the direction, authority, and control of the DDR&E, be responsible to the CJCS for operational matters as well as requirements associated with the joint planning process. For these purposes, the CJCS is authorized to communicate directly with the Director, DNA, and may task the Director, DNA, to the extent authorized by the DDR&E.

(2) Maintain appropriate liaison with other DoD Components and other Agencies of the Executive Branch for the exchange of information on programs and activities in the field of assigned responsibilities.

(3) Make use of established facilities and services in the Department of Defense or other governmental agencies, whenever practicable, to achieve maximum efficiency and economy.

(4) Ensure that the Secretary of Defense, the Deputy Secretary of Defense, the Secretaries of the Military Departments, the CJCS, and the heads of other DoD Components are kept fully informed of DNA activities with which they have substantive concern.

(5) Use data from nuclear tests performed by other countries, or provided

by the intelligence community, to obtain information in designing U.S. nuclear forces and assisting the Unified and Specified Commands in target planning.

(6) Coordinate with other officials of the Department of Defense, as appropriate.

(b) The Secretaries of the Military Departments, CJCS, Commanders of Unified and Specified Commands, and Heads of other DoD Components shall:

(1) Provide support, within their respective fields of responsibilities, to the Director, DNA, as required, to carry out the responsibilities and functions assigned to the DNA.

(2) Provide information, as necessary, to the Director, DNA, on all programs and activities that include, or are related to, nuclear weapons effects research, nuclear effects testing, or nuclear weapons accident response as well as the safety, security, and survivability of nuclear weapons systems and forces.

(3) Keep the Director, DNA, informed as to the substance of major actions being coordinated with other DoD Components, the DoE and its laboratories, and other Federal Agencies that relate to DNA functions.

(4) Provide the Director, DNA, with information regarding long-term nuclear weapons development and requirements for nuclear weapons research and testing. This specifically includes keeping the Director, DNA, informed concerning systems response to nuclear weapons effects, and the security, safety, and survivability of nuclear systems and forces.

(c) The CJCS shall review and assess the adequacy of DNA efforts in nuclear weapons testing and nuclear weapons effects research that are related directly to systems employed in joint operations, and in support required for the execution of operational plans of the Unified and Specified Commands.

§ 381.6 Authorities.

The Director, DNA, is specifically delegated authority to:

(a) Communicate directly with heads of DoD Component and other Executive